

ABSTRACT OF THE DISCLOSURE

SYSTEM AND METHOD FOR ACCESSING A SOCKS SERVER FROM AN
END USER WORKSTATION IN AN IP NETWORK

A method and system for setting a value within a type of service field in an Internet Protocol (IP) datagram in accordance with an application level protocol at which said IP datagram is transported within a socks connection from a source application that resides within a source device to a destination application that resides within a destination device. The method includes determining IP addresses of the source and destination devices. The application level protocol for the source and destination devices are then determined utilizing the port addresses to which and from which the IP datagram is sent. The IP addresses for the source and destination nodes as well as the identity of the application level protocols corresponding to the source and destination applications are then indexed in a first table. A type of service value to be encoded within the IP datagram is then determined and written into the type of service field of the IP datagram.